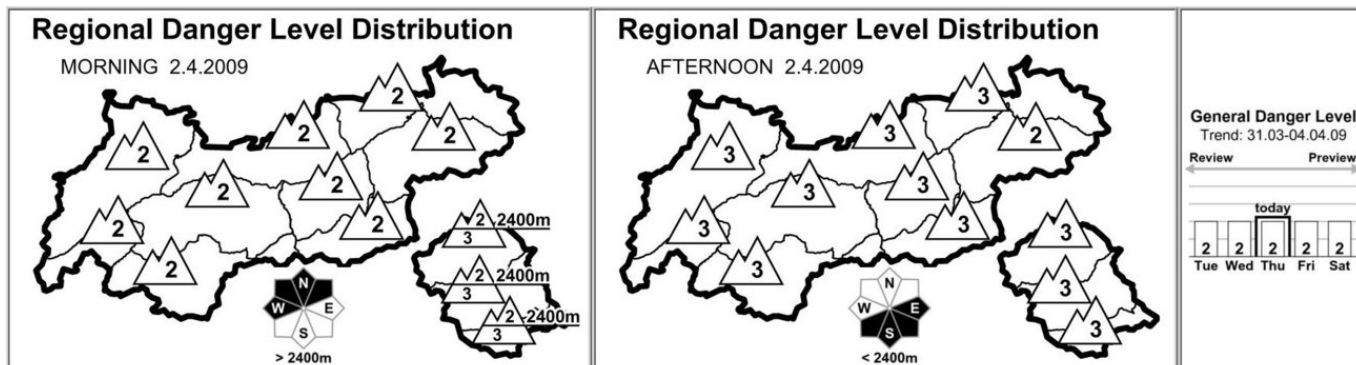


Avalanche Bulletin

of the Avalanche Warning Service Tyrol

Thursday, 02.04.2009, at 07:30



FAVOURABLE CONDITIONS IN EARLY MORNING, THEN RAPID RISE IN AVALANCHE DANGER

AVALANCHE DANGER

Backcountry touring conditions are favourable widespread, avalanche danger is moderate. But the snowpack will forfeit its firmness quickly during the morning, and the avalanche danger will increase significantly. As of then, increasingly frequent natural sluffs, wet avalanches and full depth snowslides can be expected below about 2400 m. In avalanche corridors which have not yet discharged, they can attain large size, thus endangering exposed parts of transportation routes and ascents to huts. Avalanche prone locations for slab avalanches are to be found primarily on west to north to northeast facing steep, wind loaded slopes above approximately 2400 m, and in areas adjacent to ridge lines in all expositions. Avalanche danger in high alpine regions will also increase through the day. Thus skiing and freeriding tours should be brought to a close early in the day.

SNOW LAYERING

Last night was generally clear in North Tyrol; thus, the snowpack's outgoing longwave radiation firmed up the surface. The continuing mild temperatures and strong solar radiation cause the snowpack to lose its firmness rapidly during the day, and it then also becomes moist. Due to this loss of firmness, the snowpack can fracture down to the lowermost layers, disturb the weak layers at that depth and unleash avalanches of large size.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

General weather conditions: Tyrol still lies wedged between a high above southern Scandinavia and a low over the western Mediterranean which is supplying the southern flank of the Alps with moist air masses. This combination is weakening only slowly. Mountain weather today: visibility will be somewhat diffuse in North Tyrol, due to the clouds sweeping past, but the peaks north of the Main Alpine Ridge should generally be free. Convective clouds will arise in the afternoon. Limited visibility south of the Alps due to clouds and fog, further south a bit of snowfall is expected above 2000 m. Temperature at 2000 m: plus 5 degrees; at 3000 m: minus 2 degrees. Moderate to brisk southeasterly winds, intermittently gusty.

SHORT TERM DEVELOPMENT

As yesterday, swift rise in avalanche danger through the course of the day.

Rudi Mair

Translated by Jeffrey McCabe